

19980510.qrp v01_n087.qrs.980510

Date: Sun, 10 May 1998 19:03:09 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1087

QRP-L Digest 1087

Topics covered in this issue include:

- 1) [10580] Operating Tip
by Charles Kadesch <chas@digizen.net>
- 2) [10581] Re: Weak Signal Sending
by Joe Gervais <vole@primenet.com>
- 3) [10582] Re: Desoldering
by Ward Hill <w_hill@ns.net>
- 4) [10583] events including qrp at Hamboree 20
by jerrydeen@juno.com (Gerald A Huldeen)
- 5) [10584] 10 meter fox hunt
by joel malman <malman@world.std.com>
- 6) [10585] Need MFJ Tuner Help
by Ken Freedman <n1qqv@cshore.com>
- 7) [10586] email abbreviations
by w0yse@juno.com (Neil Klagge)
- 8) [10587] Re: A Picture of Me??
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 9) [10588] QRP For Sale
by bcutter@teal.csn.net (Bob Cutter)
- 10) [10589] 10 Meter Open?
by "James Fielden" <fielden@utkux.utcc.utk.edu>
- 11) [10590] European/American equivalents
by Mel Evans <MelEvansGM6JAG@compuserve.com>
- 12) [10591] QRP Classics
by burro@panama.gulf.net
- 13) [10592] Re: Mobile/Handicapped CW Using Voice "Di-Dah" Converter ???
by n5inz@juno.com (John M Andrews)
- 14) [10593] Re: A Picture of Me??
by "Rud Merriam" <rmerriam@csi.com>
- 15) [10594] Re: [TenTec] Kenmore
by Jack Parker <Pparker@greatbasin.net>
- 16) [10595] New Receiver from JRC
by "Bob Follett" <bfollett@ditell.com>
- 17) [10596] Re: Voltage at Ends of Dipole
by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 18) [10597] Little Red Surprise
by Thom <thom@li.net>
- 19) [10598] Re: Voltage at Ends of Dipole

- by "Michael A. Gipe" <mgipe@reliablemeters.com>
- 20) [10599] More Q's
by kb0rol@juno.com (Bradley L Mugleston)
- 21) [10600] Portable Antenna Q's
by kb0rol@juno.com (Bradley L Mugleston)
- 22) [10601] HB: Tins
by sigcom@juno.com (Stephen M Smith)
- 23) [10602] Knights in Greenville, SC
by Maurice Rice <rice4@greenville.infi.net>
- 24) [10603] Hamfest-QRP forum
by K4NK <K4NK@aol.com>
- 25) [10604] Squelch for FM Radio Card
by Tracy@bytemark.com (Tracy)
- 26) [10605] New K2 Pictures on Elecraft Web site
by "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>
- 27) [10606] Re: More Q's
by tom whalen <whalen@swcp.com>
- 28) [10607] AEA 10m wanted
by tom whalen <whalen@swcp.com>
- 29) [10608] Trade
by tom whalen <whalen@swcp.com>
- 30) [10609] Rf burns
by ac5ez@webtv.net (Larry B)
- 31) [10610] Sig file??
by tom whalen <whalen@swcp.com>
- 32) [10611] Re: Voltage at Ends of Dipole
by applitech@mcg.net (Claton Cadmus)
- 33) [10612] Octopus/More
by dave_epps@juno.com
- 34) [10613] web addresses
by "Russell W. white" <ruswhite@netzone.com>
- 35) [10614] Re: Triplet meter battery info
by Bill Howell <bhowell@mail.utexas.edu>
- 36) [10615] Fun in the Sun at the FEST
by KF4EIB <KF4EIB@aol.com>
- 37) [10616] RTTY & FT-840
by "GREGORY HEATH" <kb2qqm@email.msn.com>
- 38) [10617] Logging Question
by KF4EIB <KF4EIB@aol.com>
- 39) [10618] For Sale-Goodies (major shack cleanout)
by "Charles L. Stackhouse" <cstack@safelink.net>
- 40) [10619] Re: Mobile/Handicapped CW Using Voice "Di-Dah" Converter ???
by Dan Puckett <dpuckett@erinet.com>
- 41) [10620] Re: web addresses
by Robert Bayha <rbayha@ix.netcom.com>
- 42) [10621] Re: Rf burns
by Monte Stark <ku7y@dri.edu>
- 43) [10622] 10 Mtr & Spanish Speaking Ppl

by Russ Garner <71544.1645@compuserve.com>
44) [10623] 6m long wire antenna
by "Rud Merriam" <rmerriam@csi.com>
45) [10624] Re: Toroid Tap
by Leon Heller <leon@lfheller.demon.co.uk>
46) [10625] Dayton Banquet tally and a request
by "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
47) [10626] rf burns
by ac5ez@webtv.net (Larry B)
48) [10627] Log Sheets
by KF4EIB <KF4EIB@aol.com>
49) [10628] Re: Need MFJ Tuner Help
by Ed <edn4pk@VoyagerOnline.net>
50) [10629] QRP-L at Dayton upate
by "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
51) [10630] QRP CLASSICS
by burro@panama.gulf.net
52) [10631] 10M TEASE
by ARDUJENSKI <ARDUJENSKI@aol.com>
53) [10632] HW-8 handbook -MORE
by K4NK <K4NK@aol.com>
54) [10633] The 'OLGA' (Mrs 'Dick' replies)
by Dick G0BPS <G0BPS@kanga.demon.co.uk>
55) [10634] Re: More Q's
by "Walter Dufrain" <walter@inlink.com>
56) [10635] Re: email abbreviations
by Mike - W0TMW <crucis@sky.net>
57) [10636] Re: Logging Question
by Bob Edwards <w4ed@flash.net>
58) [10637] Help Please
by "Robert Roach" <KE4Q0K@worldnet.att.net>
59) [10638] Octopus Tracks
by dave_epps@juno.com
60) [10639] Re: The 'OLGA' (Mrs 'Dick' replies)
by Bruce Rattray <rattray@gpfn.sk.ca>
61) [10640] Re: 6m long wire antenna
by "George T. Baker" <w5yr@swbell.net>
62) [10641] RF burns
by tom whalen <whalen@swcp.com>
63) [10642] Web Site update!
by "Ron Polityka" <wb3aal@talon.net>
64) [10643] Banquet/Concert tkt FS
by dave_epps@juno.com
65) [10644] Re: Rf burns
by Jack Parker <Pparker@greatbasin.net>
66) [10645] El Cheapo 10m quad (SUMMER FOXHUNT) long
by tom whalen <whalen@swcp.com>
67) [10646] 30 mtrs open - early AM

by raynsford <al7jk@gci.net>
68) [10647] 20m
by Dan Copeland <dcopeland@wwn.net>
69) [10648] Re: email abbreviations
by "Vincent Ferme" <vferme@sprint.ca>
70) [10649] Re: e-mail abbreviations (Typo).
by "Vincent Ferme" <vferme@sprint.ca>
71) [10650] HW-9 Schematic and Illustration Booklet
by "Kelly Ellison" <kelman@dialnet.net>
72) [10651] Re: HB: Tins
by Arthur Moe <kb7ww@chatusa.com>
73) [10652] Looking for Harris IC
by Jack Parker <Pparker@greatbasin.net>
74) [10653] Re: Logging Question
by Ed <edn4pk@VoyagerOnline.net>
75) [10654] Thanks
by tom whalen <whalen@swcp.com>
76) [10655] Re: Log Sheets
by "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>
77) [10656] CQC Swap List
by "Marshall Emm" <mgemm@ntechnologies.com>
78) [10657] simple qrp!
by "Jerry W. O'Dell" <psyodell@mail.provide.net>
79) [10658] Thanks!
by tom whalen <whalen@swcp.com>
80) [10659] NW20 help....thanks
by tom whalen <whalen@swcp.com>
81) [10660] HQ-170 Notes
by "James R. Duffey" <jamesd1@flash.net>
82) [10661] DX is good
by "Buck, Preston D" <BuckPD@corning.com>

Date: Sat, 09 May 1998 12:14:39 -0700
From: Charles Kadesch <chas@digizen.net>
To: qrp-l@Lehigh.EDU
Subject: [10580] Operating Tip
Message-ID: <3554AB1F.2DD8@digizen.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fellow Voyagers of the Ionosphere:

Yesterday I was reminded of a little quirk in propagation. In spite of the recent solar flaring, I decided to have a listen on 20 meters (CW). A few weak signals and a bit noisy, I thought- yep, the ionosphere is still messed up. I ventured a CQ anyway and back came

a VE1 in NS and easily a 599. He gave my low power a good report and when we finished our QSO, I tuned around a bit - several other strong signals had appeared- and all short skip. Then I remembered- when you hear short skip on 20, check the higher bands. A quick QSY to 10 meters and Wow, full of DX stations. A few quick QSOs. What the heck- I hadn't been on 12 meters in several years but, lo and behold, a quick scan of that band yielded half a dozen or more DX stations- and a few more went into the log. So, the next time you hear strong short skip on 20, have a listen on the higher bands- you may be pleased with what you find. I have noticed this phenomenon often enough to make it a standard operating procedure here.
-72 de Chas W3KC-

Date: Sat, 9 May 1998 11:16:36 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: macstein@cftnet.com
Cc: qrp-l@Lehigh.EDU
Subject: [10581] Re: Weak Signal Sending
Message-ID: <199805091816.LAA16526@usr07.primenet.com>

Howdy Mac and Folks,

Mac (KF4KSM) wrote:

>

> Well, I've been at this a while now. The list is worth wading through.

Hear hear!

> We've all experienced op's who don't "hear" well and also ops who will
> dig through the noise for those "premenition" sigs -- shadow sigs that
> aren't quiet there yet are.

Yep, lots of factors at play given an equal received signal strength - the experience/skill of the rcv'ing op, QRM, QRN (both band-wide and local to their QTH), the sensitivity/selectivity of their rcvr, even physiological diffs (damaged/degraded hearing), etc.

> I believe I can optimize my setup and persevere to work all the states
> and beyond.

Absolutely! The mantra of the QRPer! :-)

> I want to do all I can to help THEM hear.

Outside antennas will generally outperform indoor antennas by a wide margin, so your experiments are off to a good start there. See if you can borrow an antenna analyzer (any QRP-L Elmers in the area, folks?) and cut a stealth dipole for resonance. A simple resonant dipole will do a bang-up job outside in the clear.

Another *very* simple, stealthy antenna is a longwire/random wire. Just use a ZM-2 or other balanced tuner, have a few dozen feet of wire as a counterpoise on the ground, and you'll get out fine. No feedline required! Just plug the "hot" wire and counterpoise into the balanced tuner, and off you go! Try to make the radiator length a multiple of 1/2-wavelength of the lowest band you want to work.

Plenty of great books on the topic (the ARRL Antenna Handbook is a "must have!"), and you can ask here too, of course. ;-)

> I do double sends of name, RST and QTH. I do triple if they continue
> with "sri vry weak ???"

Good approach, IMHO.

> My KC-1 is set at 18 wpm, and I space the letters out to whatever speed
> the other op is sending (up to abt 13 now) Is Farnsworth sending easier
> to copy thru the noise with weak sigs or would slower, longer tones help
> them more?

Depends. I typically slow down both letters *and* spacing if they have trouble copying after the first repeat. QSB cycles may be fast or slow, so it really can vary whether faster/slower results in better copy. But I always default to slower.

Now bear in mind, if (as you say) they're sending at 13wpm, and you're using Farnsworth 18wpm, some folks may just not be able to copy the faster code speed even with 13 wpm spacing. Their "ears" aren't tuned for it. Always strive to match *their* speed as closely as possible. Few ops will ask you to slow down. Must be a reluctant male habit, like not stopping to ask for directions when lost. :-)

So if they're sending at 13wpm, you send at 13wpm, no exceptions (unless they say otherwise), and try to avoid sending faster than you can copy.

Another good idea is to record your fist and play it back. Can *you* copy what you're sending? Spacing good? Dits and dahs consistent? A clean fist is easier to copy.

> I ask, because the guy last night, AC6JU seemed to really be trying to
> dig for me, and as you know I wanted it BADLY. I'd appreciate opinions
> and suggestions.

Some guys you just won't be able to get. It happens. As you improve your antenna(s) and skills, however, it'll happen less often. Until you start chasing QRP-L Foxii and DX, in which case you'll start tearing down your antenna system all over again. :-)

Good luck and please keep us posted! Look forward to hearing you holler when you work State #50!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"'Fraid nobody around here, understands my potato;
Think I'm only a Spudboy, looking for a real tomato." -DEVO

Date: Sat, 9 May 1998 11:35:41 -0800
From: Ward Hill <w_hill@ns.net>
To: qrp-l@Lehigh.EDU, "Roy Lincoln" <wa4dou@mailexcite.com>
Subject: [10582] Re: Desoldering
Message-ID: <103130300b17a5c70f310@[207.159.15.62]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Roy,

I worked for the Department of the Navy a few years ago at The Naval Weapons Center, China Lake, in the Telemetry Division. There we worked on items that went for a "ride" on everything, including missiles (those never returned to the shop, HI). Before we were allowed to work on anything that went for thst "ride" we had to pass a high reliability soldering test which was set up to track a Weapons Specification 6536 (a real pain test to pass,

everything done under 100X magnification).

There they taught some of the desoldering "tricks" which you have found out by trial and error. Just think of all the money you have saved the tax payers by using the School of Hard Knocks. I hope you had a scholarship there, otherwise the costs can be very high, HI.

72,

Ward Hill, WA6FUH

Engineer at KOVR, Channel 13 (CBS), Sacramento, CA

<http://www.kovr.com/index.htm>

"Where excuses stop, achievements begin"

Life Member ARRL NorCal #2660 10-10 #27139 QRP-L #1117 AK/QRP #249

All QRP, All home built/home brew equipment

w_hill@ns.net

WA6FUH@KM6PX.#NCA.CA.USA.NOAM

Date: Sat, 9 May 1998 14:53:16 -0600

From: jerrydeen@juno.com (Gerald A Huldeen)

To: qrp-l@Lehigh.EDU

Subject: [10583] events including qrp at Hamboree 20

Message-ID: <19980509.150221.3398.1.Jerrydeen@juno.com>

PROGRAM SCHEDULE FOR THE ARRL MIDWEST/DAKOTA DIVISION
CONVENTION WITH HAMBOREE 20

MAY 29-30, 1998

MARINA INN - SOUTH SIOUX CITY, NE

LADIES FRIDAY MAY 29

2:15-4:00

BINGO

Host: Monica Flowers, Dawn Bomgaars, N0JVA

Covington Room - 2nd Floor

PROGRAMS - FRIDAY AFTERNOON

2:15-3:15

QRP & Cycle 23 - Don't miss the FUN !!

Adrian Weiss, W0RSP

Salon C/D

3:15-4:15 MEET WITH DAVE SUMNER

Dave Sumner, K1ZZ
ARRL Executive Vice President
Salon C/D

FRIDAY EVENING, MAY 29

6:00 ATTITUDE ADJUSTMENT
2nd Floor, Board Room

7:00 GET ACQUAINTED DINNER
2nd Floor, Waterfront Grille

Entertainment with "Nuns on the Run"

LADIES SATURDAY, MAY 30

RIVERBOAT

9:30 AM Ladies meet near Marina Front Desk at 9:30 A.M.
Limousine Transportation to and from the Belle of
Sioux
2:00 P.M. City for noon meal and entertainment. Return by
Cost \$8

9:30 AM Alternate Ladies Activity
Brunch & Style show - "Weekender Fashions by Robin
Knudson"
Outside patio north of Swimming Pool
Weather alternate - 2nd Floor Waterfront Grille
Limousine trip to "Queen of Peace Monument" Return
by NOON
Cost \$8

Cookie Contest WINNER Saturday Afternoon

3:15 Ladies Program
June DeVries
You "CAN" do this

Board Room

PROGRAMS - SATURDAY, MAY 30

9:15-10:00 THE INTERNET & HAM RADIO
Joe Eisenberg, WA0WRI
Covington Room

9:15-10:00 BASIC KIT BUILDING
Paul Sipes, KB0JIT
Salon A

9:15-10:00 RF SAFETY & STATION EVALUATION
Monty Wilson, NR0A
ARRL Room, Salon C/D

9:15-10:00 RADIO INTELLIGENCE - WWII REVISITED
John McKinney, W0AP
Board Room

9:15-10:00 SECTION MANAGERS MEETING
Bill McCollum, KE0XQ
TBA

10:15-11:45 ARRL FORUM
Dave Sumner, K1ZZ - ARRL Executive Vice President
Tod Olson, K0TO - ARRL Dakota Division Director
Lew Gordon, K4VX - ARRL Midwest Division Director
ARRL Room, Salon C/D

12:00 QCWA MEETING & LUNCH
QCWA meeting and lunch in Waterfront Grille, West

End

Others, either our coffee-sandwich bar or
Waterfront Grille

1:15-2:00 JOINT MARS MEETING
Frank Gallup, AFF3IA, Iowa Air Force MARS

Coordinator

Ken Kelling, NNN0GAR, Coordinator Iowa Marine Corps

-

Navy

MARS

Ralph Giesman, AAM7DIA, Iowa Army MARS Asst.

Director

Salon A

1:15-2:00 3900 CLUB MEETING
Leroy "Baldy" Baldwin, W00FY, President
Board Room

1:15-2:00 AUTOMATED PACKET REPORTING SYSTEM - 1988
Steve Cooper, N0KVC
Covington Room

1:15-2:00 ARES REPORT - THE OMAHA-LINCOLN ICE STORM
Ken Noel, AJ0A, EC Douglas County, NE
Reynolds Davis, K0GND, EC Lancaster County, NE
ARRL Room, Salon C/D

2:15-3:00 QRP & CYCLE 23 - DON'T MISS THE FUN
Adrian Weiss, W0RSP
Covington Room

2:15-3:00 IOWA REPEATER COUNCIL
Dr. Dennis Crabb, WB0GGI
Salon A

2:15-3:00 LEFT FOOT KEYING CONTEST - QLF
Host - John McKinney, W0AP
Board Room

2:15-3:00 ARES REPORT - THE NORTH DAKOTA FLOODS - 1997
Gerry Niese, N0NGW, EC xxxxx ND
ARRL Room, Salon C/D

3:15-4:00 YOUR NATIONAL WEATHER SERVICE
THE LATEST IN TECHNOLOGY
Dave Theophilus, W0NRW
Todd Heitkamp, N0VBW
Salon A

3:15-4:00 ARRL SECTION APPOINTEE ROUNDTABLE
Moderators:
Bruce Frahm, K0BJ, ARRL Midwest Division Vice
Director Jay Bellows, K0QB, ARRL Dakota Division Vice
Director ARRL Room, Salon C/D

SATURDAY EVENING, MAY 30

6:00 PM ATTITUDE ADJUSTMENT

7:00 PM BANQUET DINNER
Master of Ceremonies: Ted Mahn, WA0TIR
Entertainment: North High Madrigal

BANQUET MAIN PRIZE DRAWINGS

VE Testing

Saturday Afternoon 1:00 PM Testing, Registration Saturday
Morning

VE Contact - John Bylin, K0AAR

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 09 May 1998 16:30:34 -0400
From: joel malman <malman@world.std.com>
To: adams@sgi.com
Cc: malman@world.std.com, qrp-1@Lehigh.EDU
Subject: [10584] 10 meter fox hunt
Message-ID: <199805092030.AA02193@world.std.com>

Chuck,

Guess this thing is for real! I just worked 2 foxii (sp) on 10 meters
while I was looking for Fists QSO's.

Please put me down as a CW fox. Wow, a 4 month Fox hunt! This might even
help sell some 10 meter CW kits.

72 and good hunting.

/joel wa1qvm (Concord, Mass)
10m Fox Hunt: 2 pelts

Date: Sat, 09 May 1998 16:45:29 -0400
From: Ken Freedman <n1qqv@cshore.com>
To: qrp-l@Lehigh.EDU
Subject: [10585] Need MFJ Tuner Help
Message-ID: <3.0.32.19980509164414.006a944c@cshore.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

I came upon a tiny MFJ-16010 tuner the other day. Just the thing to go with my QRP+ when I hit the road to Nashville next Sunday. But: No instructions came with it, and MFJ's website doesn't list instructions for that model. All the tuners I have used so far had one inductor and TWO capacitors. This one has one "L" and one "C". Can anyone explain to me how you tune this little beastie??

TNX and 73, Ken

Ken Freedman
AKA N1QQV/QRP ARRL VE, QRP-L

Date: Sat, 9 May 1998 14:48:29 -0600
From: w0yse@juno.com (Neil Klagge)
To: qrp-l@Lehigh.EDU
Subject: [10586] email abbreviations
Message-ID: <19980509.144830.6686.0.w0yse@juno.com>

Gang,
I often see abbreviations on your postings and I have been able to figure out some of them. Does anybody have, or want to post a list of these and their definitions
?? I'd like to have a list of them next to my computer until I know them. Kinda like the Q signal, eh?

TIA (thanks in advance ; -)
-73's
Neil, w0yse since '54
now from Layton, Utah

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 9 May 1998 14:10:12 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <rmerriam@csi.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [10587] Re: A Picture of Me??
Message-ID: <2df801bd7b8e\$dba57c70\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A lot of old-timers use that. It's the key of E sharp.

>Strange key you are using for CW.
>
>Rud Merriam KD5DTV
>> From: Monte Stark <ku7y@dri.edu>
>

Date: Sat, 9 May 1998 15:17:28 -0600
From: bcutter@teal.csn.net (Bob Cutter)
To: qrp-l@Lehigh.EDU
Subject: [10588] QRP For Sale
Message-ID: <199805092117.PAA18022@mailrelay.sni.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

NorCal 40A.....90.00

Oak Hills ExplorerII 30M....80.00

St. Louis Tuner....60.00

Green Mountain 20, unbuilt, unopened...60.00

Shipping included in 48.

72, Bob KI0G

Date: Sat, 9 May 1998 17:55:24 -0400
From: "James Fielden" <fielden@utkux.utcc.utk.edu>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [10589] 10 Meter Open?
Message-ID: <01bd7b95\$2b926580\$6b12a980@galaxian>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello List (and ppl on it)

I've been trying to find something on 10 since the contest started, nothing really but truck drivers talking about how to get to the Market and unload produce, and that's about it until today.

Today I could almost hear things, I think I heard a beacon around 28.2, I was calling CQ on / around 28.130 and 95% sure someone almost heard me and was trying to get my call but they faded..

I'm just wondering was 10 open? My Antenna is in the attic, and it's like 70 ft long using the tuner with that, I'm just trying to figure out if I should cut something short for 10 or was everyone about the same on 10 meter around 2100 UTC +/- 1 or 2 hours :)

And how come I can always hear Spanish speaking ppl on 10 where are they at, and what's up with 10 always being open for them?

Thanks es 72

Jim -- KU4QW
ex:KC4SMH
fielden@utkux.utcc.utk.edu
<http://web.utk.edu/~fielden/>

Date: Sat, 9 May 1998 18:04:54 -0400
From: Mel Evans <MelEvansGM6JAG@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Cc: gqrp <gqrp-l@blacksheep.org>

Subject: [10590] European/American equivalents
Message-ID: <199805091805_MC2-3C7B-447D@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Hi Gang,

OK, here's the start of it, go to:

<http://members.aol.com/euramcom/welcome.html>

for a sample of the
proposed pages listing euro/american parts equivalences. I'll do the other
pages during next week and add them as we go along.

Just now the "RESISTOR" and "EQUIVALENT NEEDED" pages are the only valid ones.

e-mail me USING <euramcom@aol.com> please with your ideas on what else to put in.

"euramcom" came from "european american components", aren't I a clever so= and so ;-0)

72 and 73 de Mel
GM6JAG
Edinburgh, Scotland UK
Home of the last HW9

Area Chairman, British Caravanner's Club
Web Pages <<http://users.aol.com/bccscot/page1.html>>

Alternate e-mail address: <melgm6jag@aol.com>

Authorised at 11kv, 33kv, and up to 275kv

Date: Sat, 09 May 1998 17:34:05 -0500
From: burro@panama.gulf.net
To: qrp-l@Lehigh.EDU
Subject: [10591] QRP Classics
Message-ID: <3554D9DD.E3@panama.gulf.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For sale - the book, like new. \$15.00 plus shipping.

Barry WB6LDL

Date: Sat, 9 May 1998 17:58:34 -0500
From: n5inz@juno.com (John M Andrews)
To: jdolson@iserv.net
Cc: qrp-l@Lehigh.EDU
Subject: [10592] Re: Mobile/Handicapped CW Using Voice "Di-Dah" Converter ???
Message-ID: <19980509.175835.3238.20.N5INZ@juno.com>

QST or one of the other mags had a feature on this.

The very rough basics are:

A tube (Something like a toilet paper roll)
A contact(something like a key or relay contact) fixed to a piece of latex(surgical glove might work) dead center, with a thin wire connected and with a long enough reach to go back to the tube.
This wire must be very flexible. The latex must be snug over the end of tube.

An L shaped rod or stick or *whatever* in front of the first contact and spaced very close with another contact.

Imagine, if you will, that the common relay uses electro-magnetic force to close the contacts on the relay. In this case the force of your breath strikes the "diaphragm" with the latex and flexes causing the moving contact to make a connection with the fixed contact.

This is very difficult to explain. Hope you got it. Someone with better writing skills might be better able to help.

72, John- N5INZ

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Date: Sat, 9 May 1998 17:51:08 -0500
From: "Rud Merriam" <rmerriam@csi.com>
To: "Michael A. Gipe" <mgipe@reliablemeters.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [10593] Re: A Picture of Me??
Message-ID: <199805092257.SAA28742@hil-img-ims-5.compuserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Oh, of chords.

Rud Merriam KD5DTV
rmerriam@csi.com

> From: Michael A. Gipe <mgipe@reliablemeters.com>
> To: rmerriam@csi.com; Low Power Amateur Radio Discussion
> <qrp-l@Lehigh.EDU>
> Subject: Re: A Picture of Me??
> Date: Saturday, May 09, 1998 4:10 PM
>
> A lot of old-timers use that. It's the key of E sharp.
>
>
>
> >Strange key you are using for CW.
> >
> >Rud Merriam KD5DTV
> >> From: Monte Stark <ku7y@dri.edu>
> >
>

Date: Sat, 09 May 1998 16:14:19 -0700
From: Jack Parker <Pparker@greatbasin.net>
To: qrp-l@Lehigh.EDU
Subject: [10594] Re: [TenTec] Kenmore
Message-ID: <3.0.1.32.19980509161419.0068c6f0@mail.greatbasin.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 05:54 PM 5/9/98 -0400, you wrote:

>I was up to the local HRO store today and saw a Sears "Communications
>Receiver" on consignment circa 1975. It was really a Yaesu FRG-7
>Receiver that they sold under their name for several years via catalog
>sales.
>
>I had an FRG-7 and its was a pretty good SWL rig for its time.
>
>Wonder if Yaesu will be selling gear through Circuit City these days?
>
>Can you buy an extended service agreement from them?
>
>73 de N1LQ

My great fear would be that the equipment manufacturer would also enter an exclusive service contract with a mass retailer then only provide an operating manual. The service center would refuse to provide technical information because the equipment requires a "qualified technician".....

You have no idea how many times I've had this happen with TV's and other consumer-grade video equipment. Telling them that I'm a maintenance engineer at a TV station does no good at all!

Just my personal nightmare :>)

Jack, W7PW

Date: Sat, 9 May 1998 17:10:55 -0600
From: "Bob Follett" <bfollett@ditell.com>
To: "QRP-L Group" <qrp-l@Lehigh.EDU>
Subject: [10595] New Receiver from JRC
Message-ID: <01bd7b9f\$b843a7a0\$LocalHost@newmicronpc>
MIME-Version: 1.0
Content-Type: text/plain;
charset="utf-7"
Content-Transfer-Encoding: 7bit

Gang:

The first production models of the new JRD 545 receiver have made the net. G3OQT and G4HCL both say it is the best receiver either of them have ever tested+ACE- Strong claims.

Read about it at Lowe's web site:

www.lowe.co.uk/nrd545.html

For those going to Dayton, I am sure there will be one on display....Bring one back for me, if you can.... :-)

73, Bob

Bob Follett AB7ST, QRP-L +ACM- 129, NorCal, ARCI, 10-10, ARS
2861 Estates Dr. VOICE: 801.649.6457
Park City, UT 84060 E-mail: bfollett+AEA-ditell.com

Date: Sat, 9 May 1998 16:28:44 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <fgk@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10596] Re: Voltage at Ends of Dipole
Message-ID: <2e4201bd7ba2\$35957e70\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Oops! Please replace "...16Vrms 5 volt..." with "...16Vrms, 5 watt..."

Any of the technical gurus out there willing to do an exact impedance calculation? L.B., Glen, Laura???

Mike K1MG

Date: Sat, 9 May 1998 19:23:21 -0400 (EDT)
From: Thom <thom@li.net>
To: "qrp-1@lehigh.edu" <qrp-1@Lehigh.EDU>
Subject: [10597] Little Red Surprise
Message-ID: <Pine.SUN.3.95.980509191940.22074B-100000@linet01>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

It's a rainy day here on Long Island and I was cleaning out an old tool

box, when I came across a little red tool which used to accomany Heath Kits. It was used to help start nuts (seems to be an opportunity there) in hard to reach places.

Well it brought back some fond memories and i thought I'd pass it along.

Tom McCulloch
WB2QDG
thom@li.net

Date: Sat, 9 May 1998 16:22:58 -0700
From: "Michael A. Gipe" <mgipe@reliablemeters.com>
To: <fgk@iquest.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [10598] Re: Voltage at Ends of Dipole
Message-ID: <2e2f01bd7ba1\$6795bee0\$309f5ecf@double_trouble.reliablemeters.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Frank --

The answer is not simple, and I won't attempt to give a complete answer. It would be too hard to get those rusty portions of the ol' brain moving again. Requires a little refresher with the books...

That said, we can still get an intuitive picture. First, let's assume you have a resonant $1/2$ wave dipole to simplify things. At the center where it is fed, current can move in and out of the dipole to the transmission line, and the voltage and current follows Ohm's law just fine. At the ends of the dipole, the story is different. If we send a current down the wire from the center, it has to stop when it reaches the end! The dipole is an open circuit (approximately) at the ends, otherwise called a high impedance point. If you keep sending electrons out the wire, they pile up at the end and can form a pretty high voltage. On a resonant dipole, at just the time the build up of electrons is so great that they would have to start rolling back, we reverse the current anyway. Another way of looking at the dipole is as an electrical transmission line, which is $1/4$ wavelength long, with conductor spacing that increases along the line. Therefore the impedance of the line varies along its length. (See, I told you it was complicated) What happens when you terminate a $1/4$ wave transmission line with something other than its characteristic impedance? The impedance gets transformed at the other end. Or vice versa. The feed impedance of a dipole is a combination of resistive loss, radiation resistance, and the effective

reactance. The radiation resistance is due to the energy which is lost by radio waves propagating away from the antenna. Think of this radiation resistance terminating the center of the dipole; This gets transformed at the other end of the 1/4 wave to a very high impedance. Thus your 16 Vrms 5 volt signal becomes a much higher voltage across the high impedance at the ends of the antenna. Frankly, I would have to reread my textbooks to tell you how to calculate this exactly, but my SWAG would be about 3K ohms at the ends of your 50 ohm dipole, which would result in a 122 Vrms signal at the end. Big enough to cause some hurt. It would be interesting to measure this sometime.

For your second question, an RF burn is sort of half way between an electric shock and a heat burn. Due to the skin effect, the RF current is concentrated in the outer layers of the body, the skin (duh!). (The term 'skin effect' has to do with the outer layer of a conductor, and was not named after a human's epidermis.) This means that the current is much less inside the body, so it does not have the same electroshock effect as a deep current, but it can produce high temperatures in the surface of the body where the current density is greatest. The result is a thermal burn which is internally generated, so it is deeper than a burn from external contact with a high temperature object. You'll know it when you feel it!

>
>I've read in several different places warnings that the ends of dipole
>should be insulated and located where no one can touch them, even at QRP
>power levels. Presumably, high voltages are developed at the ends of a
>dipole. But just how high would these voltages be at QRP levels?
>Clearly, the feed voltages are not high at QRP power levels. At 5
>watts, assuming a resistance of 50 ohms, the RMS voltage at the
>feedpoint would be $\sqrt{50 \times 5}$, or around 16 volts. How would I
>calculate voltage at the ends of the dipole?
>
>Also, there are many references to "RF burns" from touching an antenna.
>Would these be actual heat burns due to power, or does this really refer
>to an electric shock? Is this a danger at QRP levels? At QRPP levels?
>
>73,
>Frank Kienast
>KB9QEI
>

Date: Sat, 09 May 1998 19:38:28 EDT
From: kb0rol@juno.com (Bradley L Mugleston)

To: qrp-1@Lehigh.EDU
Subject: [10599] More Q's
Message-ID: <19980509.173343.7767.1.kb0rol@juno.com>

I asked this awhile ago but included it with other questions. Knowing this group I know it must have been missed as I got no replies and questions on this list always get replies.

My question is - I am looking at a portable antenna system for camping. I've got 150 feet of flex wire. I've been given lots of suggestions for configuration (there never is one best way). Could I put bullet connectors on the ends of the wire, with the wire in half, that way I could make a dipole, a long wire and a loop all to be fed with twin lead and a tuner?

Thanks

de KB0ROL, Brad

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Date: Sat, 09 May 1998 19:38:28 EDT
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-1@Lehigh.EDU
Subject: [10600] Portable Antenna Q's
Message-ID: <19980509.173343.7767.0.kb0rol@juno.com>

What are the rules of thumb for mounting an antenna on a vehicle? I want to mount my Hustler antenna on my truck. I know I should get it as far from the engine as possible but are there other concerns? Should the coil location be watched in relation to the rest of the truck? I have a camper shell on the truck all the time (I'd take it off but I think it would fall apart). This is a wood shell with an aluminum skin. Would it be better to mount the ball on this shell?

I realize the higher I get it the better but I do park in a parking garage at work and would lose the antenna real quick if it is too high.

Thanks

de KB0ROL, Brad

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Date: Sat, 09 May 1998 19:46:02 EDT
From: sigcom@juno.com (Stephen M Smith)
To: qrp-l@Lehigh.EDU
Subject: [10601] HB: Tins
Message-ID: <19980509.111530.6967.1.sigcom@juno.com>

Group (and my fellow tin constructors),

When ever I go to the local drug store, I cruise the confection area looking for new and interesting tins to potentially house home brewed QRP projects. My first "tin" project was the "Super Duper 'X' Spy Transmitter" (name invented by me, inspired by Mad Magazine) on 40 meters, built in a Sucrets box circa 1970, which I still have today.

Yesterday, I found a Whitman's Sampler, 1-3/4 ounce net weight tin. I don't remember seeing these before and they're a neat size, so I grabbed one. The dimensions are:

H: 1", W: 3-7/16", D: 2-11/16". Total volume: 9.2 cubic inches.

Comparison:

Altoids:

H: 13/16" , W: 3-11/16", D: 2-5/16". Total volume: 6.9 cubic inches.

Celestial Seasonings (old Sucrets size):

H: 11/16", W: 3-1/8", D: 2-3/8". Total volume: 5.1 cubic inches.

As you can see, the Whitman's box has about 25% more volume than the Altoids tin and almost 45% more volume than the Celestial/Sucrets tin. The only drawback I can see to this tin is the overlap of the top cover, which is about 1/4", leaving only about 1/8" more "front panel" height than on the Altoids tin. FWIW, enjoy! (And the Whitman's chocolates aren't bad either.....Chomp, munch, snarf, yummm.)

73.....Steve, WB6TNL Oxnard, CA QRP-L #621 NorCal #2065 ex-WN6TNL
(1967)

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Sat, 09 May 1998 19:19:34 -0700
From: Maurice Rice <rice4@greenville.infi.net>
To: qrp-l@Lehigh.EDU, qrp-l@Lehigh.EDU
Subject: [10602] Knights in Greenville, SC
Message-ID: <35550EB6.8AC@greenville.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings all ...

Congrats to "Dr. Sir" Todd KB0HQU and Bob Kellogg (AD4IC) for a super QRP forum at the Greenville, SC hamfest today. Thanks! SMiTe #375 is awaiting assembly at my QTH ... will keep the list posted!

72

Maurice KA4NIV
QRP-L#1158 ARS#179

Date: Sat, 9 May 1998 21:31:12 EDT
From: K4NK <K4NK@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [10603] Hamfest-QRP forum
Message-ID: <d45cf6ba.35550361@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

The Upstate Hamfest (south carolina) is now history. It was an out standing success. Over 40 QRPers and will be QRPers enjoyed four great guest speakers. It lasted over 2 hours and most hung in there till the end. A special thanks to Don W3RDF from the Grand Strand QRP society for his Core Banks QRP kite talk , to Todd KB0HQU and Bob AE4IC from the Knightlites for their SMITE presentation and to ED W4ED from Atlanta for his QRP contesting talk. We had working QRP

beacons running and plenty of show and tell. Now I need to get a good magnifier to build the "smite" the Knights sold me. Thanks to all who attended. It shows that a successful Forum can be put on even at a medium size hamfest. Spread the word. A very special thanks to Embedded Research for the great door prizes.

72 Les Shattuck K4NK

Date: Sat, 9 May 1998 19:42:37 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>
Subject: [10604] Squelch for FM Radio Card
Message-ID: <01BD7B96.63FBD040.tracy@bytemark.com>

I couldn't help but try it out.

We have several of the FM radio cards here. I built an SBL-1 based mixer, and used the PC-VFO for an LO at 46.760 and tuned my radio card to 100.0. My local repeater sounds great over it. I am going to build a high pass filter to get the channel two image out ...

The only problem is noise when no one is on channel. Is anyone familiar with the various FM radio boards out there, or have a suggestion on how to add a squelch to the circuit? The chip on the board is a 'TEA5712T'.

I'm just enough of a smart Alec to try it ... Not super quality but it works.

Tracy N4LGH, #1453

Date: Sat, 09 May 1998 18:53:46 -0700
From: "Eric Swartz - WA6HHQ, EleCraft" <erics@elecraft.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [10605] New K2 Pictures on Elecraft Web site
Message-ID: <355508AA.E5C6E3D5@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

We now have pictures of the final painted and silkscreened K2s on the

Elecraft web site. <http://www.elecraft.com>

Also listen for Wayne, N6KR and myself on the air. If you hear us its likely we're on a K2...

72, Eric WA6HHQ

Date: Sat, 09 May 1998 20:01:33 -0600
From: tom whalen <whalen@swcp.com>
To: kb0rol@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10606] Re: More Q's
Message-ID: <35550A7D.66E5@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Bradley L Mugleston wrote:

>
> I asked this awhile ago but included it with other questions. Knowing
> this group I know it must have been missed as I got no replies and
> questions on this list always get replies.
>
> My question is - I am looking at a portable antenna system for camping.
> I've got 150 feet of flex wire. I've been given lots of suggestions for
> configuration (there never is one best way). Could I put bullet
> connectors on the ends of the wire, with the wire in half, that way I
> could make a dipole, a long wire and a loop all to be fed with twin lead
> and a tuner?
>
> Thanks
>
> de KB0ROL, Brad
>
> -----
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> Or call Juno at (800) 654-JUNO [654-5866]

Hi Brad, just cut it in half and feed it with 300 ohm twinlead or even better, the 450 ohm stuff.

Next, build a spud gun.....great for getting antennas into those big pine trees!!! Heck, at least a sling shot then!!!! You then use a tuner

and can get on all bands...very efficient antenna. 72, Tom WB5QYTa

Date: Sat, 09 May 1998 20:16:00 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10607] AEA 10m wanted
Message-ID: <35550DE0.6970@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Wanted: 1 each AEA 10 meter HT...will pay top dollar.

Thanks, Tom WB5QYT

Date: Sat, 09 May 1998 20:19:19 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10608] Trade
Message-ID: <35550EA7.783A@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Will trade 15 meter ssb rig(converted cb) for a 10m ssb/cw rig, like the HTX-100 or Uniden 2510,2600.

Thanks, Tom WB5QYT

Date: Sat, 9 May 1998 21:28:15 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [10609] Rf burns
Message-ID: <199805100228.TAA11966@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

Lets see, the last rf burn was back in about 1974, running a long wire

with no counterpoise of any type. The D io3 was hot with rf and bite me.
Lesson learned
Larry Ac5ez

Date: Sat, 09 May 1998 20:28:19 -0600
From: tom whalen <whalen@swcp.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10610] Sig file??
Message-ID: <355510C3.334B@swcp.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Tried to do the sig. file thing and am having trouble for some reason. I know a bunch of you emailed me on how to do it, and I tried it as per suggestions, but no little screen pops up for me to enter my sig. info.

Im using Netscape as my email. I did the following:

1. Options
2. Mail and News Preferences
3. Identity
- 4 Entered my email addr.
5. Reply to addr.(whalen@swcp.com)
6. Organization(NERDS)
7. Signature file(C:/sig.txt)

Did the above and nada!! Im sure I have left something out in the signature file...

Thanking in advance, Tom WB5QYT" Have spud will travel!"

Date: Sat, 9 May 1998 21:32:13 -0500
From: applitech@mcg.net (Claton Cadmus)
To: "QRP-1" <qrp-1@Lehigh.EDU>, <fgk@iquest.net>
Subject: [10611] Re: Voltage at Ends of Dipole
Message-ID: <009a01bd7bbd\$3f7e0220\$a30a5e2c@groucho>

Frank Kienast <fgk@iquest.net> wrote:

>But just how high would these voltages be at QRP levels?

>Clearly, the feed voltages are not high at QRP power levels.

Actually they are. What you are forgetting is that a dipole is also a pair of 1/4 wave transmission line transformers. The impedance at the ends of a dipole is quite high, in the neighborhood of 5000 ohms. Now do the power to voltage conversion! 5 watts would be about 160 volts rms and this is RF voltage enough to bite!

One of the aspects of antenna theory that many people miss is WHY the feed point impedance of an antenna is what it is. i.e. about 70 ohms for a 1/2 wave dipole. It's because of the reference impedance the antenna starts with. In the case of a 1/2 wave dipole the reference impedance is the impedance at the ends of the dipole.

Date: Sat, 9 May 1998 20:03:40 -0700

From: dave_epps@juno.com

To: qrp-l@Lehigh.EDU

Subject: [10612] Octopus/More

Message-ID: <19980509.200437.9438.2.dave_epps@juno.com>

A couple of articles that will explain how to use the octopus and similar units.

CQ mag July '97 page 9 . "Build a quick & easy curve tracer to test components".

Nuts & Volts Jan. '97. "Quick Tracey Semiconductor Sleuth".

I'm wondering if the component checker feature of the Protek Scope isn't similar to the octopus?

dave ab5pc fresno, ca see ya at Dayton

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Date: Sat, 09 May 1998 20:18:59 -0700

From: "Russell W. white" <ruswhite@netzone.com>

To: qrp-l@Lehigh.EDU

Subject: [10613] web addresses
Message-ID: <3.0.3.32.19980509201859.007e0580@pop.netzone.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The following is not unique, just an example. When giving web addresses, it would help if you would put a complete address with the proper www protocol. By this, I mean starting the address off with "http://". There are probably quite a few people out here who, while they are reading an Email, can double click on a web address and immediately check out the web site. I use Eudora for email, and a complete web address is highlighted for me. I suspect that Netscape and Explorer work the same.

example:
<http://www.btinternet.com/~g4wif/gqrp.htm>

At 11:33 5/9/98 -0400, you wrote:
>Sorry fellow Qrp buddies. I typed the url wrong for the address.
>
>Its www.btinternet.com/~g4wif/gqrp.htm
>
>I typed .htl at the end by mistake
>
>Thanks for letting me know!
>
>73

Russell W White AB7JX 33 39 12N 112 05 03W

"We are what we repeatedly do. Excellence, then, is not an act, but a habit." -- Aristotle

"If you always do what you've always done, then you'll always get what you always got." -- Mums Mabley

Date: Sat, 09 May 1998 22:34:51 -0500
From: Bill Howell <bhowell@mail.utexas.edu>
To: qrp-l@Lehigh.EDU
Cc: sigcom@juno.com
Subject: [10614] Re: Triplett meter battery info
Message-ID: <3.0.1.32.19980509223451.006c1b2c@mail.utexas.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Steve wrote:

I discovered a (new-speak) "legacy" (old school: boat anchor) Triplet model 625-NA multi-meter (circa 1948!) in a box at the shop and I'd like to use it on the ham bench. Unfortunately, I can't identify the two battery types it uses for the Ohms ranges.

////////////////////////////////////

Steve... if you don't find an answer on this list, look at:
<http://www.triplett.com/>

Their technical support email is listed as:
support@triplett.com

An interesting spot on their page is "The First 94 Years"....
pretty cool to see how this company started.

Bill Howell
University of Texas at Austin / Electronic Maintenance
Austin, Texas N5ALO QRP-L #415

Date: Sat, 9 May 1998 23:33:52 EDT
From: KF4EIB <KF4EIB@aol.com>
To: qrp-l@Lehigh.EDU
Subject: [10615] Fun in the Sun at the FEST
Message-ID: <48ad2009.35552021@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Greetings gang,

If you did not make the Anderson, SC hamfest.... you missed a dandy !!

Weather was great, the food was yummy, the "Fun Meter" was pegged !!
LOTS of neat stuff was to be found...Sir Derek of the Knightlites, where oh
where did you find that wonderful old straight key ?
The QRP * show and tell - info for one and all * was a great success. AE4IC
Bob, how well you waved that arm, should we ask for another explanation on the
required attire for surgery?
All in all, you Southern boys know how to do a Fest. Come see us in NC, work a
little QRP with us...we know where BBQ made in heaven can be found, per WF4I
Derek.

72, Gordon kf4eib

Date: Sat, 9 May 1998 23:34:31 -0400
From: "GREGORY HEATH" <kb2qqm@email.msn.com>
To: "QRP-L (SENDING ? TO QRP-L)" <qrp-l@Lehigh.EDU>
Subject: [10616] RTTY & FT-840
Message-ID: <097ec4335030a58UPIMSSMTPUSR04@email.msn.com>

I use the Yaesu FT-840, and the BP-2M tnc from Tigertronics at
www.tigertronics.com The program I use is the shareware Hamcom 3.1
You can download a free copy for trial use at www.accessone.com/~tmayhan/
I use a Gateway 133mhz computer operating the DOS based program.
The shareware version will only run as a DOS task. The REGISTERED version
will run in a "dos window" under Windows 95. Dont try to run the shareware
version
under Windows 95 because it will just dribble out nonsense on the receive
screen.
The BP-2M is easy to hook up to the rig. No messy resistors or capacitors
in the transmit line, just 4 easy wires. The price is right too, at about
\$65 or so. I have had it
running now for about a week, so i am not an old veteran, just a beginner,
but had
to add my .02 cents. I love the FT-840, Yaesu's "bottom of the line", HI.
but for everything else I use a Norcal Sierra. Have had good success, with
a 350 foot dipole up 85 feet. Hope to hear you all on Rtty/qrp.
cul....."72" Greg KB2QQM

Date: Sat, 9 May 1998 23:39:28 EDT
From: KF4EIB <KF4EIB@aol.com>

To: qrp-1@Lehigh.EDU
Subject: [10617] Logging Question
Message-ID: <23cb3c8e.35552172@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi to all,

Does anyone know of a download of a program that you can make / print log sheets for contacts. I should have looked in that area at the SC Fest.... but the ol' brain was out to lunch on that one. Any help would be appreciated.

Thanks in advance,
72, Gordon kf4eib

Date: Sun, 10 May 1998 04:07:14 -0600
From: "Charles L. Stackhouse" <cstack@safelink.net>
To: <qrp-1@Lehigh.EDU>
Subject: [10618] For Sale-Goodies (major shack cleanout)
Message-ID: <19980510041737758.AAB179@safelink.safelink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 8bit

Greetings from the high desert,

I just bought a bunch of electronic test gear. I must clean out my shack and sell some stuff, first because I need the room and second because I promised my wife that I could sell enough stuff to almost pay for the upgrade in test gear. Here is the first installment. OBQRP - see the Argo below.

List of Equipment for Sale

Signal Generator- Clemens SG-83C MINT CONDITION
-covers 50 kHz to 54 MHz in 6 bands (1% freq. calibration)
-output 0.6 to 160,000 microvolts across 50 ohm load in 1 db steps
-modulation with AM both internal and external
-crystal calibrator at 1 MHz with harmonics usable to at least 30 MHz (at least .01% accuracy)
-operates off 115v AC or 9v transistor battery
-size is 10-1/2" high, 12-1/2" wide, 7-1/2" deep
-all solid state, BNC connectors,
-includes instruction manual, AC cord, model FA-20 Fused attenuator, extra

NEDA 1600 9v battery

Asking \$300 includes shipping (to lower 48) or best offer. Must be satisfied or I will take it back. I am only selling because I just bought an HP "boatanchor" signal generator that covers up to 1024MHz.

Spectrum analyzer ITC SA500 MINT CONDITION

- frequency range 100KHz to 500MHz
- resolution 0 to 50 MHz per division selectable in steps of 50 MHz, 10 MHz, 1 MHz, 100 KHz
- and 10 KHz; also variable from DC to 50 MHz per/div
- dynamic range is greater than 110dBm front panel and screen; 80 dBm on screen
- sensitivity is greater than 110dBm
- display is 5 inch rectangular with internal graticule 8 x10 divisions
- contains optional 50 MHz calibrated frequency and amplitude marker
- size is 6" high x 12" wide x 17" deep
- includes manual, line cord, 21" telescopic antenna, and original box

I bought this new at Dayton in 1993. I will sell for \$500 including shipping (to lower 48) or best offer. I am only selling because I just bought a TEK 492 spectrum analyzer (gulp!) when the price was too good to pass on. Must be satisfied or I take it back.

Oscilloscope Hitachi V-152F dual trace, 15 MHz (but I displayed sine wave up to 29 MHz), 2 probes, good condition , \$200 includes shipping (lower 48)

Oscilloscope - TEK 475, 200MHz, 2 probes, cover, manual, MINT CONDITION, \$500 includes shipping to lower 48

Autek QF-1A Filter manual, good condition \$25 includes shipping (lower 48).

Ten-Tec Argonaut 509 with cw filter, microphone and manual. Good condition (only mods I know of are antenna connector changed to S0-239 and miniphono jack added to back to ample VFO for frequency counter. It has sat unused here for 2 years. Manual. Asking \$250 includes shipping.

Iambic keyer Curtis 8044abm on FAR circuit board all wired up including speed pot- never used- ready to stick into your rig. Asking \$20 including shipping.

Please respond by email 73, Charlie WA2IPZ QRP-L #362 Burley, Idaho

cstack@safelink.net

Date: Sun, 10 May 1998 00:52:58 -0400
From: Dan Puckett <dpuckett@erinet.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10619] Re: Mobile/Handicapped CW Using Voice "Di-Dah" Converter ???
Message-ID: <355532AA.777D6319@erinet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jim Dolson wrote:

> One or two years ago on QRP-L someone mentioned that they had designed a
> circuit to convert sound to code. Basically, the person would say "dah
> dit dah dit" and the circuit would key based upon the presence and
> duration of the sound being spoken. It was either used for mobile cw
> operation or for use by a handicapped person who did not have the use of
> their hands.
>
> Does anyone recall this? I've checked my archived list of qrp-l but
> have not found it. I'm sure it was here since I don't follow any of the
> other ham related news groups or e-mail lists.

Jim,

In the March 1996 issue of QRPP is an article called "The DiDah Keyer"
that does exactly what you describe. It is written by Dave Evison,
K6GKC.
The circuit is basically two op-amps in series to amplify the output of a
microphone.
The output of the amps is applied to a comparator. When the voltage
applied
is greater than the reference voltage on the comparator, the comparator
closes a
relay.

Hope this helps,

Dan WD8AAU

Date: Sat, 09 May 1998 21:58:33 -0700
From: Robert Bayha <rbayha@ix.netcom.com>

To: ruswhite@netzone.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10620] Re: web addresses
Message-ID: <355533F9.4C70902E@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You beat me to leaving an almost identical post... Netscape works exactly the same way... makes checking out referenced web pages very easy!!

Russell W. white wrote:

>

> The following is not unique, just an example. When giving web addresses, it would help if you would put a complete address with the proper www protocol. By this, I mean starting the address off with "http://".

-snip-

--

Bob Bayha, K6RKB
QRP-L #1209, QRP-ARCI #9505
CQC #488 G-QRP #9884, NorCal #2394

Date: Sat, 9 May 1998 22:48:27 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Larry B <ac5ez@webtv.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10621] Re: Rf burns
Message-ID: <Pine.SOL.3.96.980509224605.26340E-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Sat, 9 May 1998, Larry B wrote:

> Lets see, the last rf burn was back in about 1974,

My last one was about 1980 or so. I was working on a Motorola MT400 (or something like that) and was aligning the TX.

The more I keyed the TX, the hotter my hand got..... soon I realized I had it laying on the final!! About 5w at 150 mhz.

Not real hot. But just enough to get uncortable! Did that more than once..... :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Sun, 10 May 1998 01:58:39 -0400
From: Russ Garner <71544.1645@compuserve.com>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [10622] 10 Mtr & Spanish Speaking Ppl
Message-ID: <199805100158_MC2-3C84-810E@compuserve.com>
MIME-Version: 1.0
Content-Transfer-Encoding: quoted-printable
Content-Type: text/plain; charset=ISO-8859-1
Content-Disposition: inline

Jim--KU4QW--asks

"And how come I can always hear Spanish speaking ppl on 10 where are they=
at,
and what's up with 10 always being open for them?"

This query brings up a verity that some QRPers may not be aware of.

English is a Germanic language, full of surprises, twists and turns, right angles and agglutinations. It frequently jams everything it comes in contact with (such as the F2 layer) and is easily broken. The impedance of English is about 12R5 ohms and rarely matches the 276 ohms of free space. These qualities can sometimes impede communications. Because of its low impedance, English is very susceptible to coronal mass ejections.

Spanish, however, is a Romance language, with a nominal impedance of 300 ohms, very close to the impedance of free space. Spanish is smooth, curvilinear in its essence and predictable to a large measure. It tries to avoid right angles,

and is sad or empathetic whenever misunderstanding occurs. These qualities seem to aid communications.

We have five principal Romance languages, which will always have openings on the HF bands--even if the Sun should die. Can you name all five? Sure, you can--look it up.
But can you name the fifth one right now? Hah!

Es una cosa de minora importancia.
(From memory--probably misspelled everything.)

Ciao! Russ Garner WA0UIG QRP-L 734

Date: Sun, 10 May 1998 01:06:04 -0500
From: "Rud Merriam" <rmerriam@csi.com>
To: "6m" <50mhz@qth.net>, "BVARC" <bvarc@clarc.org>, "QRP-L Discussion" <qrp-l@Lehigh.EDU>
Subject: [10623] 6m long wire antenna
Message-ID: <199805100606.CAA16639@hil-img-ims-3.compuserve.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

I want to experiment with a wire antenna that is multiple wavelengths of 6 meters. My best setup would be to center feed the antenna, e.g. multiple 1/4 wavelength legs like a dipole. What I read about antennas leaves me confused on how to maintain a 50 ohm impedance. The best I figure is if the total length is an odd number of 1/2 wavelengths long I should be feeding into 50 ohms. I have space for about 100 feet of antenna which gives me 9 one-half wavelengths at 88 ft (50.15 mhz).

Yes, no, maybe?

Rud Merriam KD5DTV
rmerriam@csi.com

Date: Sat, 9 May 1998 20:57:34 +0100
From: Leon Heller <leon@lfheller.demon.co.uk>
To: 71052.134@compuserve.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10624] Re: Toroid Tap
Message-ID: <GePFhGAuULV1Ew1H@lfheller.demon.co.uk>
MIME-Version: 1.0

In message <199805091221_MC2-3C79-E396@compuserve.com>, Willie Martin
<71052.134@compuserve.com> writes
>I have receive a lot of valuable information from the message traffic on
>the list. Thanks to all. Usually I will have a question and then the
>answer appears before I can ask.
>
>My question is. What is the best way to wind a "TAP" on toroids? I
>usually make a small loop and then run a short wire to the PCB. Is there a
>simpler method? Trying to improve my kit building skills.

That's the way I do it, I don't think there is a simpler way. I suppose
one could wind two coils, one after the other, and connect them in
series. This is probably how to do it for mass-production, with the coil
mounted on some sort of header.

Leon

--

Leon Heller: leon@lfheller.demon.co.uk <http://www.lfheller.demon.co.uk>
Amateur Radio Callsign G1HSM Tel: +44 (0) 118 947 1424
See <http://www.lfheller.demon.co.uk/dds.htm> for details of my AD9850
DDS system. See " /diy_dsp.htm for a simple DIY DSP ADSP-2104 system.

Date: Sun, 10 May 1998 07:27:55 -0400 (EDT)
From: "Scott Rosenfeld [NF3I]" <ham@w3eax.umd.edu>
To: qrp-l <qrp-l@Lehigh.EDU>
Subject: [10625] Dayton Banquet tally and a request
Message-ID: <Pine.LNX.3.95.980510072437.22359A-1000000@w3eax.umd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

At present, the count is 201 people attending the Friday night event.

The room can hold up to 280 or so.

I have to give Days Inn a firm number on Tuesday afternoon.

At the actual banquet, we can handle an additional 5-10% of Tuesday's

number in "sign up at the door" tickets.

If you will be attending, and KNOW you want to attend, please inform me ASAP so that you don't become one of those "sign up at the door" folks and keep someone else from getting a seat.

Thanks, and ONLY FOUR DAYS TO GO!

** Scott Rosenfeld NF3I & AAR3IB/T ** <http://w3eax.umd.edu/~ham> **
** Burtonsville, MD FM19mc * DXCC WAC WAS * QRP-L #147 * AK-QRP **
* Waiting for 6m to open... ** ARRL Life Member/Laurel ARC/UMARA *
** 301-549-1022(h) 301-982-1015(w) *** 35 wpm HF mobile CW Neon **

Date: Sun, 10 May 1998 07:07:37 -0500
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [10626] rf burns
Message-ID: <199805101207.FAA18408@mailtod-122.bryant.webtv.net>
Content-Type: TEXT/PLAIN; CHARSET=US-ASCII
Content-Transfer-Encoding: 7BIT
MIME-Version: 1.0 (WebTV)

I cured the rf in the shack problem by running several counterposes .
They were stapled to the garage ceiling . No more D 104 hot with rf.
Actually the first time I ever got stung by a transmitter was in 1961
while working on a army radio at Ft Benning, dont recall exactly what I
was doing but the screwdriver wound up across the sack ha. I still
remember the shock. Stopped wearing watches with metal bands after that.
Larry Ac5ez

Date: Sun, 10 May 1998 08:40:55 EDT
From: KF4EIB <KF4EIB@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [10627] Log Sheets
Message-ID: <242298f2.3555a058@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Greetings gang,

Does anyone know of a program that will generate log sheets for contacts?
Maybe one that can be downloaded?
Thanks!

72,
Gordon kf4eib

Date: Sun, 10 May 1998 09:20:30 -0400
From: Ed <edn4pk@VoyagerOnline.net>
To: n1qqv@cshore.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10628] Re: Need MFJ Tuner Help
Message-ID: <3555A99E.63C2E99B@VoyagerOnline.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Sounds like just a plain ol' L network to me...hook it up and if it
will not give you a good swr, switch the input/output to put the "C" on
the other side of the "L"....
Ed N4PK

Date: Sun, 10 May 1998 13:16:43 -0400
From: "Rich Dailey, KA8OKH" <ka8okh@som-uky.campus.mci.net>
To: qrp-l@Lehigh.EDU
Subject: [10629] QRP-L at Dayton upate
Message-ID: <3.0.16.19980510131302.0897cb1a@som-uky.campus.mci.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Here's the list of QRP-L members going to Dayton, in no particular
order. If you have no qrp-l number, that's ok... just send me
your call. Please be sure to put "qrp-l" somewhere in the
subject: field of your message to me. Please do not post to
the list... SEND IT TO ME. I'll re-post this list one last time Wed
night. This list is also available on the web from the QRP-ARCI

site, as well as from the KA8OKH/KB4NPI web. The web list is updated as needed.
Hope to meet you all there.
...de Rich

CALL	QRP-L #
WB0WQS	702
KF0OV	1004
AE4IC	54
N2G0	381
K0BC	1523
WW4ML	3K??
WA6FUH	1117
K8IDN	331
N9UKX	741
AB5PC	1467
KC5FMZ	910
KU7Y	17
KT3A	7
W8KC	59
K8DD	246
WB9HFK	1159
AA10F	1217
WB2DVX	1528
KI8CZ	945
N9DD	32
W8DN	575
N4LGH	1453
K8IQY	181
N9TA	1215
W5JAY	1201
W3DW	???
WA6GER	738
NE0C	1524
G0BPS	???
WD4ET	551
W4QO	267
W6RCL	154
N3XRV	655
N8GKQ	1067
K1CL	217
N4XY	758
KC4MHM	1010
W5RXP	461
N9QIL	1416
W4RNL	37

NF3I	147
KA0GKC	719
K8AQZ	876
WA2ECP	234
N0QT	1148
AD6AY	92
W4DU	70
K0QD	287
W8RU	188
KB8USZ	1473
N8VAR	263
AC5II	264
G3MFJ/AB7VN	661
AC4XS	1265
WA8RXI	1368
WD8AAU	235
KF6ML	1263
KG8IH	291
K3TKS	216
VA3JFF	151
K8CV	935
W5TWR	1530
NF0R	33(?)
WA8MCQ	23
W9MIU	1088
AB0AE	432
AA0PF	1024
W8SFF	1288
N8PVZ	504
VE3FA0	1115
K1YPP	480
K5ZTY	473
N6KR	490
WA6HHQ	429
WA9FLX	1574
W8IZZ	1454
G4WIF/KI8CR	
W1FMR	
K5YU	
N5TGZ	
N8AYY	
KE7CW	
N2JGU	
WB8YGG	
KB8RRG	
KB9QEI	
KB9JJA	
KS4V	

KA80KH 933

Total = 89

Rich Dailey, KA80KH <ka8okh@som-uky.campus.mci.net>
The KA80KH / KB4NPI Web - <http://www.qsl.net/ka8okh>

Date: Sun, 10 May 1998 08:49:08 -0500
From: burro@panama.gulf.net
To: qrp-1@Lehigh.EDU
Subject: [10630] QRP CLASSICS
Message-ID: <3555B054.4589@panama.gulf.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks to all who responded. Sorry it took me a while to go through 2,000 pieces of email since we have returned from a few days away.

The book is spoken for.

Barry WB6LDL

Date: Sun, 10 May 1998 09:54:41 EDT
From: ARDUJENSKI <ARDUJENSKI@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [10631] 10M TEASE
Message-ID: <7221477.3555b1a2@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Well, I decided to get a start on the 10M contest and tuned around a bit Saturday afternoon. Heard a DL4 and jumped right in when a break occurred and to my pleasant surprise CONTACT. My first 10M QRP SSB contact. Was it the new OMNI D? Was it the retuned open feed line to the Double Zepp? Or was it the operator (hi hi)? In any event, Chuck, thanks for initiating this event; I might not have otherwise had this pleasure. Getting the QUAD ready for a big summer "Hang'n Ten"

Alan KB7MBI

Date: Sun, 10 May 1998 10:22:41 EDT
From: K4NK <K4NK@aol.com>
To: qrp-1@Lehigh.EDU
Subject: [10632] HW-8 handbook -MORE
Message-ID: <987b8567.3555b832@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

GANG;

Mike was correct in his report about the HW-8 Handbook . A few more details are...in 1988 the hand books were about gone, I printed and bound about a hundred myself in Vienna,Va.. Most of these were sent over to Maryland Radio where they were sold and I think Danny K3TKS was in charge of keeping things ..don't know. Those of you who got one I printed (no changes from original) will have one with a light beige or grey cover. I used what I could (borrowed it from my employer) ,they had a spiral binder and I would sneak down at lunch time. None the less none of us made a dime on the handbooks and I wish I'd have saved just one for my self.

72 Les Shattuck K4NK

ARCI Club Historian and Past President

Date: Sun, 10 May 1998 14:57:19 +0100
From: Dick G0BPS <G0BPS@kanga.demon.co.uk>
To: rattray@gpfn.sk.ca
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10633] The 'OLGA' (Mrs 'Dick' replies)
Message-ID: <HIuc8bA\$IbV1Ew1w@kanga.demon.co.uk>
MIME-Version: 1.0

In message <Pine.SOL.3.91.980509090824.10063A-100000@GPFN1.GPFN.SK.CA>, Bruce Rattray <rattray@gpfn.sk.ca> writes
>OK!...we have Dick right where we want him....oh boy, this is going to
>cost him dearly...HI HI....all we have to do is figure a way to
>communicate with his wife and 'bingo' we have him at our mercy!!...sri
>Dick, couldn't resist this one...HAR!.... ;-) 72 - Bruce(VE5RC)
>

Hello all, this is Daphne, Mrs Pascoe. (Dicks wife!)

You know that bald patch on the back of his head...
Now you know how he got it. Wack...

Hope to meet you all when you come to the local 'Alcatraz' here in southern England.

Isn't he lucky I let him play once a year.

Bye...

--

Daphne Pascoe 'Ex'yl of G0BPS

Date: Sun, 10 May 1998 09:26:41 -0500
From: "Walter Dufrain" <walter@inlink.com>
To: <kb0rol@juno.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [10634] Re: More Q's
Message-ID: <199805101426.JAA32048@thor.inlink.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Brad and all,

Well here is my thoughts for your /p antenna:

1st) Using 140 ft of wire you can have a horizontal loop (3 or 4 sided) and work 40 thru 10 mtrs, 2nd) you have a dipole, inverted V, horizontal V , or a vertical V with 70 ft. per leg and work 80 thru 10 mtrs, 3rd) you have a long wire (actually it's a random wire, not long enough for a long wire) but you can work 80 thru 10 mtrs, but you will need some extra wire for a counterpoise (this wire doesn't need to be the good stuff), 4th) the 140 ft will also make a 40 meter ground plane vertical with 3 radials, and fed with twin lead will perform well if its at least about 10 ft. above the ground for multi-band use.

The 10 ft of wire left, since its flex wire, is good to use for coil taps on your new homebrew tuner that you didn't even know you were building. :-)

I could keep going with 1/2 wavelength ground mounted delta loops, etc, but hopefully this rambling helps.

Good Luck, Walter Dufrain, AG5P

> My question is - I am looking at a portable antenna system for camping.
> I've got 150 feet of flex wire. I've been given lots of suggestions for
> configuration (there never is one best way). Could I put bullet
> connectors on the ends of the wire, with the wire in half, that way I
> could make a dipole, a long wire and a loop all to be fed with twin lead
> and a tuner?
> Thanks>
> de KBØROL, Brad

Date: Sun, 10 May 1998 10:19:08 -0600
From: Mike - W0TMW <crucis@sky.net>
To: w0yse@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [10635] Re: email abbreviations
Message-ID: <3555C56C.3C503E0C@sky.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Here's a few...

BTW - By The Way
FWIW - For What Its Worth
IMO - In My opinion
IMHO - In My Humble Opinion (usually used by those who aren't!)
TTFN - Ta Ta For Now (not To The Field, Norm.)

Mike - W0TMW

Neil Klagge wrote:

>
> Gang,
> I often see abbreviations on your postings and I have been able to
> figure out some of them. Does anybody have, or want to post a list of
> these and their definitions
> ?? I'd like to have a list of them next to my computer until I know
> them. Kinda like the Q signal, eh?
>
> TIA (thanks in advance ;-)

> -73's
> Neil, w0yse since '54
> now from Layton, Utah
>
> -----
> You don't need to buy Internet access to use free Internet e-mail.
> Get completely free e-mail from Juno at <http://www.juno.com>
> Or call Juno at (800) 654-JUNO [654-5866]

--

=====

Mike Watson, W0TMW	QCWA Mbr # 28651, Chap. 35
Raymore, MO USA	Grid: EM28st ARCI# 9647
http://www.sky.net/~crucis	
E-mail: crucis@sky.net	ARS# 352, QRP-L# 1489

=====

Date: Sun, 10 May 1998 11:31:52 -0400
From: Bob Edwards <w4ed@flash.net>
To: KF4EIB@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [10636] Re: Logging Question
Message-ID: <3555C868.25747338@flash.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

KF4EIB wrote:

> Does anyone know of a download of a program that you can
> make / print log sheets for contacts.

If you want to roll your own, its easy, use a word processor
or spread sheet program.

An example (can be used for QRP contesting) is at :

http://ns1.qsl.net/w4ed/rbe_tests.htm#log

(the column ordering does not match the ARRL ASCII format)

--

Bob 72/73

/|
/ |

http://www.qsl.net/w4ed
W4ED nr Atlanta @EM73wt
...."QRP", more from less....

```
      |  /  |\
     /| /  E | \
    /_|/____|__\
   [ \--=====~/
```

~~~~~

-----

Date: Sun, 10 May 98 11:03:19 PDT  
From: "Robert Roach" <KE4QOK@worldnet.att.net>  
To: "QRP List" <qrp-l@Lehigh.EDU>  
Subject: [10637] Help Please  
Message-ID: <MAPI.Id.0016.004534514f4b20203030303630303036@MAPI.to.RFC822>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable

Hello,

I need some help filtering my mali (radio related mail) and I know that =  
this is the place to come for a quick response.

I am using the ATT Worldnet version of Internet Explorer and want to and =  
want to filter for a text string in th subject line. So far I have only =  
been able to make it work if I have an exact match for the whole subject =  
line. What can I do to sort for an embedded string???

Thanks in advance and please reply off the list. If anyone is interested=  
in the answer contact me direct and I will forward the answers I receive=  
.

73 de KE4QOK  
Bob

-----

Date: Sun, 10 May 1998 08:55:54 -0700  
From: dave\_epps@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [10638] Octopus Tracks  
Message-ID: <19980510.085555.6678.0.dave\_epps@juno.com>

Lassajous figures, signatures or whatever you want to call them. I liked  
Octopus Tracks.  
I think this is a great little (ballpark) tester ,especially for those

parts

that I salvaged from old boards via questionable methods.

There are a lot of "tracks" shown in the CQ mag article and there are going to be more posted on the GQRP page.

dave ab5pc fresno, ca.                      see ya at Dayton

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 10 May 1998 09:51:13 -0600 (CST)  
From: Bruce Rattray <rattray@gpfn.sk.ca>  
To: Dick G0BPS <G0BPS@kanga.demon.co.uk>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10639] Re: The 'OLGA' (Mrs 'Dick' replies)  
Message-ID: <Pine.SOL.3.91.980510094321.28088B-1000000@GPFN1.GPFN.SK.CA>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

....hmmmmmm...that's interesting Daphne as I have a similar bald patch on my head too.... ;-) ) .....I'd better ask Bonnie about this as there have been times when my sleep has been suddenly disturbed...sort of a tingling feeling on the top of my head..I've never figured out why?....I've looked over at Bonnie and there she is, sound asleep, with a contented smile on her face....hmmmmmmmm ... ;-)) ...at least we've established communications with you Daphne!.... HI HI ....72 - Bruce&Bonnie (VE5RC)

-----  
Date: Sun, 10 May 1998 10:39:11 -0500  
From: "George T. Baker" <w5yr@swbell.net>  
To: rmerriam@csi.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10640] Re: 6m long wire antenna  
Message-ID: <3555CA1F.2B95431C@swbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Rud, I would forget about the coax and use ladder line and a tuner. Losses will be probably much lower (depending upon the tuner) and you can use that antenna to work a number of HF bands as well. Put up the entire 100 feet of wire if you use this approach.

Good luck!

--

72/73, George

Amateur Radio W5YR, 52 years and counting!

QRP-L #1373 QRP ARCI #9583 FISTS #4930 ARS #403

AutoPOWER Systems, Fairview, TX (30 Mi. N. of Dallas)

Rud Merriam wrote:

>

> I want to experiment with a wire antenna that is multiple wavelengths of 6  
> meters. My best setup would be to center feed the antenna, e.g.

<snip>

-----

Date: Sun, 10 May 1998 09:51:24 -0600

From: tom whalen <whalen@swcp.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [10641] RF burns

Message-ID: <3555CCFC.18AD@swcp.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Have had many experiences with RF burns!!

The most memorable, was the one that almost burned up my camper shell!!

The antenna was a homebrew affair, with a big 2.5 in dia. coil wound on PVC(is there anything else!) and was tuned up for 160 meters. The coil was almost 2 feet long using number 14 tw wire(jacket stripped off).

On top of the coil I built a 3 foot dia capacity hat out of 3/32 in brass welding rods. Had about 6 or 8 of them all spaced evenly above the coil. Above that, I had an old cb fiberglass whip. It looked good, if I must sayso myself\*S\*

The neat thing about this antenna was, as I spoke little blue sparks came off of the ends of the spokes!! Looked pretty cool, but that was rf wasted. People would sure give me weird looks as I went down the road, but the little kids sure thought it was neat!!

During a tuning process one day, I let one of the spokes get a little out of shape, and it leaned over on top of my fiberglass shell. I keyed up the xmtr(full 100 watts), and heard and smelled this weird "ah %&%^", HUM, what up now?

Looked out and did not see anything amiss till I stepped on my bumper and looked at the melted spot in the camper top. YEPPER, melted a good sized hole in the new camper shell!! Murphy was in great form that day!

So, learned one thing from this ordeal....Make a loop around the capacity wires and move it up higher on the coil...

Made the above antenna for the house one time and ran a kw through it and as I talked you could hear the rf coming off of the capacity hat...Heck, good way to tell the neighbor's dog to shut up eh?

Also melted a coil, but thats another story!

72, Tom WB5QYT " Have spud will travel!"

-----  
Date: Sun, 10 May 1998 12:27:06 -0400  
From: "Ron Polityka" <wb3aal@talon.net>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [10642] Web Site update!  
Message-ID: <007b01bd7c30\$978cbf60\$205445c6@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Hello Everyone,

I have made a major change on my web page for all those that use text only web sites. I made a mirror web page for those you have a slow machine or connection.

If you have a QRP related page that you would like me to create a link to, please let me know.

[http://www.kpsnet.com/wb3aal/Start\\_Page.htm](http://www.kpsnet.com/wb3aal/Start_Page.htm)

Thanks,  
73, Good DXing & QRPing  
Ron de WB3AAL

E-mail: wb3aal@talon.net  
http://www.kpsnet.com/wb3aal/Start\_Page.htm  
BBS: WB3AAL @ WB3FYL.#BER.PA.USA.NA

EPA QRP # 1      QRP # 5318      10-10 # 13173  
QRP-L # 1099    G-QRP # 3031    AK QRP # 309  
Adventure Radio Society #380

-----  
Date: Sun, 10 May 1998 09:29:43 -0700  
From: dave\_epps@juno.com  
To: qrp-l@Lehigh.EDU  
Subject: [10643] Banquet/Concert tkt FS  
Message-ID: <19980510.093330.6678.2.dave\_epps@juno.com>

Still trying to sell the hamvention banquet/concert (Ronnie Milsap)  
ticket (1).  
\$30. (Tht's what I paid) . Will deliver at DAYton.  
dave ab5pc fresno, ca.

-----  
You don't need to buy Internet access to use free Internet e-mail.  
Get completely free e-mail from Juno at <http://www.juno.com>  
Or call Juno at (800) 654-JUNO [654-5866]

-----  
Date: Sun, 10 May 1998 09:32:31 -0700  
From: Jack Parker <Pparker@greatbasin.net>  
To: qrp-l@Lehigh.EDU  
Subject: [10644] Re: Rf burns  
Message-ID: <3.0.1.32.19980510093231.0068daac@mail.greatbasin.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 10:48 PM 5/9/98 -0700, you wrote:  
>On Sat, 9 May 1998, Larry B wrote:  
>  
>> Lets see, the last rf burn was back in about 1974,  
>  
>My last one was about 1980 or so. I was working on a  
>Motorola MT400 (or something like that) and was aligning  
>the TX.

>  
>The more I keyed the TX, the hotter my hand got..... soon  
>I realized I had it laying on the final!! About 5w at 150 mhz.  
>  
>Not real hot. But just enough to get uncortable! Did that  
>more than once..... :-)  
>  
>  
>73, Ron,        SOWP 5545M,

What really gets nasty is UHF/microwave stuff...I punctured a fingertip one day while tuning the microstrip on a 2304 amplifier, probably no more than 10 or 15 milliwatts. The \*most\* painful RF burn I've ever had!

Jack, W7PW

-----  
Date: Sun, 10 May 1998 10:29:18 -0600  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10645] El Cheapo 10m quad (SUMMER FOXHUNT) long  
Message-ID: <3555D5DE.77B5@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hello QRPer's!!

With the start of the new Summer Foxhunt(thanks Chuck), many of us may want an edge on conditions while the band is still a little slow.

Years ago, I built a 4 element quad out of 3/4 pvc tubing that worked like a bomb! Neat thing about it was that it was cheap. Kido's need shoes ya know! I believe at todays prices one could make a 2 element job for as little as 5 bux. Below I will describe a simple 2 element that I built, and one can add directors if wanted.

First you have to know the dimentions of the sides. Use the formula  $1030/f$  for the reflector and  $1005/f$  for the driven element.

$1030/28.3 = 36.39$  feet....or  $36'4.5''$ ...divided by 4 =  $9'1''$ ...

OK,  $9'1''$  is the side length of the reflector...Now, to find the hypotinous(sp), which is the total spreader length, you multiply one side times itself and then add that number to it, then take the square

root of that number...ie... $9'1" \times 9'1" = 82.69 + 82.69 = 165.38$  and then take the square root of that number...ie... $165.38 = 12.86$  or  $12'10"$ . This is the total spreader length for your reflector.

Do the same for the driven element using the right formula for that element and cut all of your pvc tubing.

In the middle of each piece of pvc spreader you must attach a U bolt so you can mount it to the boom.

I use two different methods of mounting the ele to the boom. One way is to go to your local R.S. and buy the U bolts with mounting hardware and be done with it. If your more of a do it yourselfer, you can buy some all thread 1/4 inch or so, and make your own U bolts. Neat thing about using all thread is that the threads in the bolts actually dig into the boom and make for a solid, non slipping type mount. But, if you use the all thread, you should reinforce the middle of your pvc section with a piece of pipe or maybe a sleeve of heavier duty pvc will work.

So now you have the wire cut, the spreaders mounted on the boom, which can be wood, metal, or even heavy duty pvc...Metal is probably best...ie old top rail from a chain link fence works nice...lil heavy but cheap...We are talking cheap here right??

String wires through holes in the ends of the pvc. You say, " square or diamond shape? I prefer the diamond shape as it stands up better and looks better too....Feeding the quad at the bottom of the diamond gives you horizontal polarization and on the side vertical polariztion. Your choice!

Boom length is about 4'6 inches for ten meters, but is not real critical as the quad is a low Q device and works well as is.

Costs:

Wire # 14 TW, with jacket stripped off is .05 a foot.. $.75' @ .05 = 3.75$  bux.

PVC: 8- 10' length's @ .59 a piece = 4.80....

Coax....figure you have some anyhow!

Boom, use your imagination...anything will work...think cheap!

Feeding the quad can be done in several ways...I go cheap...Feed it with a quarter wave section of 75 ohm coax....ie RG-59 and then RG-8 or 58 to the rig. Impedance of the quad is around a 100 ohms and this works out nice. Pureists may want to use a gamma match, delta match etc. A shorted



quarter wave section can be used with the RG-59 as a balancing means.

At any rate, the quad will work well for you, in just about any configuration. You will be able to work a whole bunch of them foxies too!

Hope this will get some of the new foxi out and built a quad as a learning experience...DID I SAY 5 BUX??? Looks like its gonna be more like 10 bux..sorry bout that!!

72, Tom WB5QYT " Have spud will travel!"

-----  
Date: Sun, 10 May 1998 08:48:05 -0800  
From: raynsford <al7jk@gci.net>  
To: qrp-1@Lehigh.EDU  
Subject: [10646] 30 mtrs open - early AM  
Message-ID: <3.0.2.32.19980510084805.011e3998@mail.gci.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hf has been nil to the lower 48 for the past few days from Alaska. Much to my surprise, 40, 30 and 17 mtrs opened up nicely into Russia, Asia and the South Pacific starting from 0700 utc on ... Bit of multipath on many signals (as usual with current conditions). Worked ZL2UW on 30 mtrs with the HW-9 set at 1W.

72 to all...  
AL7JK John  
Eagle River, Alaska

-----  
Date: Sun, 10 May 1998 11:51:37 -0500  
From: Dan Copeland <dcopeland@wwn.net>  
To: qrp-1@Lehigh.EDU  
Subject: [10647] 20m  
Message-ID: <16471223406156@wwn.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I was just wondering why we (USA) do not use

14.110 - 14.150 for anything. Sure seems like a waste of 40kc to me.

Daniel Copeland KF00V  
dcoeland@wwn.net

QCWA Webmaster\* ARRL-life member\* QRP-L 1004  
ARCI - 9670, Norcal 38S, MFJ 9040, OHR 100A/20  
<http://www.teleport.com/~qcwa> | <http://www.dcoeland.com>  
"I want to die peacefully in my sleep like my grandfather,  
not screaming in terror like his passengers."

-----  
Date: Sun, 10 May 1987 12:55:56 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [10648] Re: email abbreviations  
Message-ID: <001601b126d8\$d13336e0\$831205d1@vince>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Don't forget these:

OTOH - On the other hand;  
TTYL - Talk to you later;  
NFG - Not functioning god;  
SOL - Sorry, out of luck;  
#\$\$@%&# - #\$\$@%&#.

73 de Vince, VE3VFN.

>Here's a few...

>

>BTW - By The Way  
>FWIW - For What Its Worth  
>IMO - In My opinion  
>IMHO - In My Humble Opinion (usually used by those who aren't!)  
>TTFN - Ta Ta For Now (not To The Field, Norm.)

-----

Date: Sun, 10 May 1987 12:59:34 -0400  
From: "Vincent Ferme" <vferme@sprint.ca>  
To: <qrp-1@Lehigh.EDU>  
Subject: [10649] Re: e-mail abbreviations (Typo).  
Message-ID: <001c01b126d9\$532b0100\$831205d1@vince>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

NFG - Not functioning GOOD.

Sorry about the typo, folks.

73 de Vince, VE3VFN.

-----  
Date: Mon, 11 May 1998 00:09:38 -0500  
From: "Kelly Ellison" <kelman@dialnet.net>  
To: <qrp-1@Lehigh.EDU>  
Subject: [10650] HW-9 Schematic and Illustration Booklet  
Message-ID: <199805101710.MAA30167@mail.dialnet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

Hi all,

Just doing some Spring cleaning and came across an HW-9 Schematic and the Illustration Booklet.

If someone NEEDS these, let me know and I'll send them to you. Or, I'll be at Dayton and we can make arraignments there.

Thank you,

Kelly Ellison  
WBOWQS  
Aurora Missouri  
Summit City of the Ozarks

-----

Date: Sun, 10 May 1998 17:19:41 -0700  
From: Arthur Moe <kb7ww@chatusa.com>  
To: sigcom@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10651] Re: HB: Tins  
Message-ID: <3556441D.5E2580BE@chatusa.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Now if you want the large size look for the WHITMAN'S 14 oz. sampler  
its H: 1 9/16, W: 10 1/8, D: 8 5/16. Found them on sale for \$3.99 just  
after Christmas. Passed them out to the XYL and kids with the promise  
that I could have the TINS. I find them great for all kinds of things other  
than chassis material.

Art  
KB7WW

Stephen M Smith wrote:

> Yesterday, I found a Whitman's Sampler, 1-3/4 ounce net weight tin. I  
> don't remember seeing these before and they're a neat size, so I grabbed  
> one. The dimensions are:  
>  
> H: 1", W: 3-7/16", D: 2-11/16". Total volume: 9.2 cubic inches.  
>  
> Comparison:  
>  
> Altoids:  
>  
> H: 13/16" , W: 3-11/16", D: 2-5/16". Total volume: 6.9 cubic inches.  
>  
> Celestial Seasonings (old Sucrets size):  
>  
> H: 11/16", W: 3-1/8", D: 2-3/8". Total volume: 5.1 cubic inches.  
>

-----  
Date: Sun, 10 May 1998 10:33:18 -0700  
From: Jack Parker <Pparker@greatbasin.net>  
To: qrp-1@Lehigh.EDU  
Subject: [10652] Looking for Harris IC

Message-ID: <3.0.1.32.19980510103318.0068df48@mail.greatbasin.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'm considering construction of the digital VFO featured in QST for May, 1995. Does anyone have any suggestions for sources of the Harris HSP45102PC-40 numerically controlled oscillator IC?

I've sent an e-mail inquiry to one company called "007 Electronics" who indicated that they have stock on an HSP45102SC-40, but I'm not certain what differences the PC/SC designations infer.

Any input will be appreciated.

Thanks...72/73,

Jack Parker, W7PW  
10-10 #28279; QRP-L #1310; 10GHz VUCC #3 (QRPp); 50MHz WAS (QRP); SMIRK #3335; Six Club #177; ARRL Life Member; Grid Square DM09jo

Immediate past-president: Astronomical Society of Nevada; Member:  
Astronomical Society of the Pacific; Member: North Texas Microwave Society;  
Associate Member: University of Nevada Radio Club (Radio Pack)

"....they don't let us out much...."

Brent Spiner--Independence Day

-----  
Date: Sun, 10 May 1998 13:37:04 -0400  
From: Ed <edn4pk@VoyagerOnline.net>  
To: KF4EIB@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10653] Re: Logging Question  
Message-ID: <3555E5C0.354FB9BA@VoyagerOnline.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I would use Excel. That way you can tailor the logging sheets to your liking. Just a thot..  
Ed N4PK

-----

Date: Sun, 10 May 1998 11:35:08 -0600  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [10654] Thanks  
Message-ID: <3555E54C.4128@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks for all the responses to my sig. file question. 72, Tom

-----  
Date: Sun, 10 May 1998 10:41:42 -0700  
From: "Alan Kaul W6RCL" <alan.kaul@worldnet.att.net>  
To: <KF4EIB@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [10655] Re: Log Sheets  
Message-ID: <19980510174322.AAA26945@oemcomputer>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

If you have any of the word processor programs (or even something as simple as a text writer) you can easily make log sheets with your computer. It's been years since I've done it, but as I recall, I wrote the categories across the top, then used the underline key for the rows ( \_ ) and the | key for separations. After you write the first line, use the copy function to create the second line. I did that til I got five lines, then copied those five to make 10. The 10-lines could be copied til I had a total of 50 on a page. Then I saved it -- and by printing that page I could create as many log sheets or log books as necessary. For the contests that would come along -- all that was required was an easy rewrite. I'd rewrite the top (categories) line to make room for serial numbers and exchanges or whatever the contest required. For something like ARRL SS, I'd also add in whatever my info was (section, number, etc).

It doesn't take a great word processor to do this -- I wrote my first log sheets in 1985 on a Commodore 64 computer while living in Amman, Jordan (where it was a long way to the nearest ham supply store)!

Happy hacking and best 73/72, de alan

Alan Kaul, W6RCL, LaCanada-Flintridge, CA  
<http://home.att.net/~alan.kaul/qrp.html>  
[alan.kaul@worldnet.att.net](mailto:alan.kaul@worldnet.att.net)  
[w6rcl@amsat.org](mailto:w6rcl@amsat.org)

-----

Date: Sun, 10 May 1998 12:57:26 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: qrp-1@Lehigh.EDU  
Cc: cqcm@mtechnologies.com  
Subject: [10656] CQC Swap List  
Message-ID: <199805101856.MAA14425@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT

There has been a noticeable downward trend in use of the CQC Swap List since I stopped announcing updates here, so just thought I would mention that it is still alive and kicking. Please feel free to use it for anything related to QRP-- please DO list prices, and please DON'T think it's for CQC members only. It has pretty good visibility (with the web site we have no way of knowing how many view it, but the direct e-mail list is substantial).

Web access is at <http://www.mtechnologies.com/cqc/cqcswap.htm>  
and email access is via messages to [cqcswap@mtechnologies.com](mailto:cqcswap@mtechnologies.com).

73  
Marshall Emm  
N1FN/VK5FN  
[n1fn@mtechnologies.com](mailto:n1fn@mtechnologies.com)  
Milestone Technologies  
Software, kits, tools...  
<http://www.mtechnologies.com>  
(303)752-3382  
--

-----  
Date: Sun, 10 May 1998 15:39:50 -0400 (EDT)  
From: "Jerry W. O'Dell" <psyodell@mail.provide.net>  
To: qrp-1@Lehigh.EDU  
Subject: [10657] simple qrp!  
Message-ID: <199805101939.PAA07362@mail.provide.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I just had a bright idea. Most of us have a qrp rig and don't know it.

It's called a 2 meter handy-talkie, and I have about ten

of the things. Most run under 5 watts, so I suppose they'd qualify. With a decent antenna (vertical, I suppose), you'd put out a very respectable signal.

Don't laugh. In the mid-60's I had no money, and built a 2 meter rig (AM), and the confounded thing put out only 3 watts. I worked all over the eastern half of the US with that thing and a 7 element beam made of a stick and 7 elements of clothesline wire. You can't believe the openings when 2 is really going.

However, I realize that most people simply won't work 2 meter simplex. I have no idea why. There are acres of room. The SSB people would howl like mad if you used 144.35 and up, but I don't see why not. That is one dead area. Or even the usual simplex frequencies. Almost everyone I work on repeaters I can hear just fine simplex, assuming they have a mobile rig, and frequently a handy-talkie.

Course you would have to tune around, and that's hard. Gotta turn the knob and other difficult things.

73 Jerry W8GND

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Date: Sun, 10 May 1998 14:46:09 -0600  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10658] Thanks!  
Message-ID: <35560C97.63CE@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Thanks to all that helped me with the signature file. Took a bit to figure it out but finally got it. GREAT GROUP and thank you again.

72, Tom WB5QYT " Have spud will travel!"

--

Enjoying QRP!!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20



IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, ST. Louis tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

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Date: Sun, 10 May 1998 14:45:41 -0600  
From: tom whalen <whalen@swcp.com>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [10659] NW20 help....thanks  
Message-ID: <355611F5.56BE@swcp.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Special thank you to Kent Torell AB7OA, and Nick Hubert KG5N, for the help with my NW20. I have not had the time to build the filter yet, but will probably tomorrow. Will keep you and others posted if I can filter out the SWBC. Thanks again for the help. 72, Tom WB5QYT

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Enjoying QRP!!

Rigs: Ten Tec Argo 509, SST-30, GM-15, OHR Spirit 40, Emtech NW20

IC-706, 38S, 49er, Bare Essentials, Mizuho MX-7s, ST. Louis tuner

Org: QRP-L 640, scQRPion 22, Norcal 1979, Fists 4465, ARS 396

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Date: Sun, 10 May 1998 15:27:43 -0700  
From: "James R. Duffey" <jamesd1@flash.net>  
To: MNHopkins@aol.com  
Cc: QRP-L@Lehigh.EDU  
Subject: [10660] HQ-170 Notes  
Message-ID: <v03110702b17bd3bca4fc@[209.30.51.100]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Mike - Your Hammarlund posting tweaked my interest. Hooray for Hammarlund!! I have recently acquired an HQ-170, in part due to nostalgia for my Novice receiver, an HQ-110A.

I have spent a lot of time listening with the HQ-170 and find it a mixed bag. It is all tubes, including the rectifiers and all diodes. The later A version had solid state rectifiers and I think solid state diodes for the detectors and AGC. As such it generates a lot of heat, and drifts

considerably, +5 khz or so, for the first half hour it is on. It is triple conversion (double on 160M and 80M) with all the accompanying images and birdy problems. It has a fast tuning rate on the higher bands, 400 kHz per turn on 10 M! It has a vernier to deal with this-more on that later. I have found no noise source which can be reduced with the built in noise blanker, and the notch filter seems rather ineffective.

On the other hand, it has wonderfully sharp LC filtering at the last 60 kHz IF; 0.5, 1, 2 and 3 kHz standard. It will put many modern transceivers to shame in this department. It has selectable sidebands, including a "both position" and a variable BFO frequency. The fast tuning rate is partially mitigated by a very fine vernier tuning at the 455 kHz IF. This covers +/- 3 kHz at a 2 kHz per turn rate or so rate. This is superb in the narrow 0.5 kHz position, and one can use the vernier to pick off CW stations one by one. I listened to several Fox pileups with it and it did as good a job (or better) of seperating the many stations than my TS850S. The audio is superb, I suppose in part due to the large speaker. I suspect that the strong signal handling capbility may need some improvement though.

The dial calibrations are 5 kHz on 160 M to 20 M, 20 kHz on 15 and 25 kHz on 10 M. While the 5 kHz is barely adequate, the divisions are really too coarse for today's crowded bands on 15 M and 10M.

I like mine and use it for casual listening on the hambands. It generally works well, but the calibration is pretty far out on several bands, I suppose some capacitors have changed values. It has dirty switches which need cleaning and I hope that will solve some of the other minor quirks it has. It is big and takes up about a third of my operating desk.

Oh yes, I paid \$100 for mine in what I would call good working order. I saw it advertised in the local paper. It was well worth the money for my purposes. I don't think I would pay twice that for one though and I have seen them priced that high. Now if I can only find a Ranger or Valiant to go with it =8^).

Best of all it makes me appreciate the great advances in receivers since that time, silicon rectifiers, solid state VFOs, and new receiver architectures that reduce or eliminate images and birdies. It is a nice receiver, but I don't think I want to go back to that era in Ham equipment.  
- Duffey KK6MC/5

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Date: Sun, 10 May 1998 17:39:02 -0400  
From: "Buck, Preston D" <BuckPD@corning.com>

To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [10661] DX is good  
Message-ID: <6B137F61081DD0118DF600805FEAC5C5012D57B5@SILVER.CORNING.COM>  
Content-Return: allowed  
Mime-Version: 1.0  
Content-Type: text/plain

Greetings All,

Since I didn't go to Dayton, I thought I would taunt some of you who did. There was some sort of DX contest last night on 20m. It was SSB though, but in short order I worked Brazil, the Netherlands, Germany (the op seemed surprised when I came back in German), Croatia and Portugal. Seemed to be a non-US contest.

40m is open today. The IN QSO party is on and I got a 499 from the op I worked (CW QRP of course). I am still looking for the OR QSO party but I expect it later tonight.

It has been raining all weekend so I have had lots of time to play with the radio.

I hope the weather in Dayton is better.

73  
Preston, n0g1m, Southern NY State

My words, not my employer's

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End of QRP-L Digest 1087

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